This listing of claims will replace all prior versions, and listings, of claims in the application:

## Listing of Claims:

 (Previously Presented) Liquid-crystalline medium based on a mixture of polar compounds of positive dielectric anisotropy, comprising one or more compounds of the formula I

and one or more compounds of the formula IA

where the proportion of the compounds of the formula I in the medium is at least 18% by weight, and in which the individual radicals have the following meanings:

- R<sup>1</sup> is an alkenyl radical having 2 to 8 carbon atoms,
- R<sup>2</sup> is H, an alkyl radical having 1 to 15 carbon atoms which is halogenated, substituted by CN or CF<sub>3</sub> or unsubstituted, where, in addition, one or more CH<sub>2</sub> groups in these radicals may each, independently of one another, be replaced by -C≡C-, -CO-, -CH=CH-, -O-, or in suc

a way that O atoms are not linked directly to one another,

X<sup>1</sup> is an alkyl radical, alkenyl radical, alkoxy radical or alkenyloxy radical, each having up to 6 carbon atoms, in the case where a = 1 also F. Cl. CN. SFs. SCN. NCS or OCN.

X<sup>2</sup> is F, Cl, CN, SF<sub>5</sub>, SCN, NCS, OCN, a halogenated alkyl radical, halogenated alkenyl radical, halogenated alkoxy radical or halogenated alkenyloxy radical, each having up to 6 carbon atoms,

 $Z^1$  and  $Z^2$  are each, independently of one another, -CF<sub>2</sub>O-, -OCF<sub>2</sub>- or a single bond, where  $Z^1 \neq Z^2$ .

a is 0 or 1, and

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 ${\cal L}^{1.4}$  are each, independently of one another, H or F, with the proviso that formula IA is not

$$C_{n}H_{2n+1} - H - O - F_{p}CF_{2}O - O - F_{p}$$

$$C_{n}H_{2n+1} - H - O - O - F_{p}CF_{2}O - O - F_{p}$$

in which n is 1-15.

 (Currently Amended) Liquid-crystalline medium according to Claim 1, comprising one, two or more compounds of the formulae IA-1 to IA-30

$$R^2 \hspace{-0.5cm} \begin{array}{c} \hspace{-0.5cm} \text{H} \hspace{-0.5cm} \begin{array}{c} \hspace{-0.5cm} \hspace{-0.5cm} \text{O} \hspace{-0.5cm} \begin{array}{c} \hspace{-0.5cm} \text{F} \\ \hspace{-0.5cm} \text{O} \hspace{-0.5cm} \end{array} \hspace{-0.5cm} \begin{array}{c} \hspace{-0.5cm} \text{F} \\ \hspace{-0.5cm} \text{F} \end{array} \hspace{-0.5cm} \hspace{-0.5cm} \text{IA-6} \\ \end{array}$$

$$R^2$$
  $H$   $O$   $O$   $CF_2O$   $O$   $IA-10$ 

$$R^2 \hspace{-0.5cm} \begin{array}{c} \hspace{-0.5cm} \text{H} \hspace{-0.5cm} \hspace{-0.5cm}$$

$$R^2$$
  $H$   $O$   $O$   $CF_2O$   $O$   $CI$   $IA-12$ 

$$R^2$$
  $H$   $O$   $O$   $CF_2O$   $O$   $CF_3$  IA-13

$$R^2$$
  $H$   $O$   $O$   $CF_2O$   $O$   $CF_3$   $IA-14$ 

$$R^2$$
  $H$   $O$   $O$   $CF_2O$   $O$   $CF_3$   $IA-15$ 

$$R^2$$
  $H$   $O$   $CF_2O$   $O$   $F$   $IA-16$ 

$$R^2$$
  $H$   $O$   $CF_2O$   $O$   $F$   $IA-17$ 

$$R^2$$
  $H$   $O$   $CF_2O$   $O$   $OCHF_2$   $IA-24$ 

$$R^2$$
  $H$   $O$   $CF_2O$   $O$   $CI$   $IA-2$ :

$$R^2$$
  $H$   $O$   $CF_2O$   $O$   $CI$   $IA-2O$ 

$$R^2$$
  $H$   $O$   $CF_2O$   $O$   $CI$   $IA-27$ 

$$R^2$$
  $H$   $O$   $O$   $CF_2O$   $O$   $CF_3$   $IA-28$ 

$$R^2$$
  $H$   $O$   $CF_2O$   $O$   $CF_3$   $IA-30$ 

in which R2 is as defined in Claim 1.

 (Previously Presented) Liquid-crystalline medium according to Claim 1, comprising one or more compounds of the formulae I-1 to I-5

alkenyl—
$$H$$
— $O$ — $F$ 

$$(F)$$

in which alkenyl is an alkenyl radical having from 2 to 8 carbon atoms and alkyl is a straight-chain alkyl radical having 1-15 carbon atoms.

 (Previously Presented) Liquid-crystalline medium according to Claim 1, additionally comprising one or more compounds of the formulae II, III, IV, V and VI

$$R^{0} \underbrace{H}_{r} \underbrace{H}_{r} \underbrace{O}_{r} \underbrace{V^{1}}_{r} \underbrace{V^{1}}_{r} \underbrace{O}_{r} \underbrace{V^{1}}_{r} \underbrace{V^{1}}_{r} \underbrace{O}_{r} \underbrace{V^{1}}_{r} \underbrace{O}_{r} \underbrace{V^{1}}_{r} \underbrace{V^{1}}_{r} \underbrace{O}_{r} \underbrace{V^{1}}_{r} \underbrace{V^{1}}_{r} \underbrace{O}_{r} \underbrace{V^{1}}_{r} \underbrace{V$$

in which the individual radicals have the following meanings:

R<sup>0</sup> is H, n-alkyl, alkoxy, oxaalkyl, fluoroalkyl, alkenyloxy or alkenyl, each having up to 9 carbon atoms,

- X<sup>0</sup> is F, Cl, halogenated alkyl, alkenyl, alkenyloxy or alkoxy having up to 6 carbon atoms.
- $Z^0 \hspace{1cm} is C_2F_{4^*}, -CF=CF^-, -CH=CF^-, -CF=CH^-, -C_2H_{4^*}, -CH=CH^-, \\ -O(CH_2)_3, -(CH_2)_3O^-, -(CH_2)_4, -CF_2O^-, -OCF_2, -OCH_2^- \ or -CH_2O^-, \\$
- Y<sup>1-4</sup> are each, independently of one another, H or F,
- r is 0 or 1,

and the compound of the formula II is not identical with the compound of the formula I.

- (Previously Presented) Liquid-crystalline medium according to Claim 4, wherein the proportion of compounds of the formulae IA and I to VI together in the mixture as a whole is at least 50% by weight.
- (Previously Presented) Liquid-crystalline medium according to Claim 1, additionally comprising one or more compounds of the formulae Ea to Ef

$$R^0$$
  $H$   $COO$   $O$   $F$   $Ea$ 

$$R^0$$
  $\longrightarrow$   $H$   $\longrightarrow$   $COO$   $\longrightarrow$   $F$   $\longrightarrow$   $Ec$ 

$$R^0 \longrightarrow H \longrightarrow COO \longrightarrow OCF_3$$
 Eb

$$R^0$$
  $\longrightarrow$   $H$   $\longrightarrow$   $COO$   $\longrightarrow$   $OCF_3$   $Ed$ 

$$R^0$$
  $\longrightarrow$   $H$   $\longrightarrow$   $O$   $\longrightarrow$   $COO$   $\longrightarrow$   $F$   $\longrightarrow$   $Ee$ 

in which  $R^0$  is H, n-alkyl, alkoxy, oxaalkyl, fluoroalkyl, alkenyloxy or alkenyl, each having up to 9 carbon atoms.

 (Previously Presented) Liquid-crystalline medium according to Claim 1, comprising one or more compounds of the formulae IIa to IIg

$$R^0$$
  $H$   $O$   $F$   $IIa$ 

$$R^0 \longrightarrow H \longrightarrow H \longrightarrow O \longrightarrow OCHFCF_3$$
 IId

 $R^0 \longrightarrow H \longrightarrow H \longrightarrow O \longrightarrow OCHFCF_3$  IIe

 $R^0 \longrightarrow H \longrightarrow H \longrightarrow O \longrightarrow OCHFCF_3$  IIIf

in which  $R^0$  is H, n-alkyl, alkoxy, oxaalkyl, fluoroalkyl, alkenyloxy or alkenyl, each having up to 9 carbon atoms.

 (Previously Presented) Liquid-crystalline medium according to Claim 1, it additionally comprising one or more compounds of the formulae RI to RVII

Πg

$$R^*$$
  $H$   $H$   $CF_3$   $RIII$   $R^*$   $H$   $H$   $OCF_3$   $RIII$   $Alkyl$   $Alk$ 

(O)CF=CF<sub>2</sub>

in which

R\* is n-alkyl, alkoxy, oxaalkyl, fluoroalkyl or alkenyloxy, each having up to 9 carbon atoms, and

alkyl and

alkyl\* are each, independently of one another, a straight-chain or branched alkyl radical having 1-9 carbon atoms.

- (Previously Presented) Liquid-crystalline medium according to Claim 1, wherein the proportion of compounds of the formula IA in the mixture as a whole is from 5 to 40% by weight.
- 10. (Canceled).

RVII

11. (Original) Electro-optical liquid-crystal display containing a liquid-crystalline